



BORN FOR POWER



| UPS | EPS | Lights | Solar Inverter | AVR | APF | Batteries | Power Supply | Telecom Solutions | Customized Power Products | Breakers |

FACTORY



8 BAYKESİREH

VISION & MISSION



BAYKEE BORN FOR POWER....!

We are committed to bring prosperity to our motherland through

- Bringing Pakistan on International Pace through Transfer of Technology.
- Commercial Growth by providing High Quality, Reliable and Affordable products.
- Customization & indigenous Development of Power Products.

We are Committed to Serve our Homeland and We BELIEVE We CAN...!



For many years **BAYKEE** has been an industry-leading organization in the field of electric power supply equipment & solutions, with aim to extend this technology and partnership with our neighboring country Pakistan, in the spirit of China-Pakistan economic corridor (CPEC). We have been working in Pakistan with our local partners since 2014. For a continuous evolving and developing nation, our goal is to make Uninterrupted and best quality Power Supply a reality in Pakistan through the use of our state of the art, advanced and innovative products and services.

Along with Pakistan's high demand and potential for power supply and backup systems, **BAYKEE's** proven track record of excellence world wide, we are able to provide customized designed Products and solution to entire industry and Armed Forces.

MR. YE DEZHI

Chairman

Aerospace Baykee (Guangdong) Technology Co. Ltd.



To cater Pakistan's local domestic, commercial, industrial & military requirement of power product in compliance with quality & competitive price, **BAYKEE** aims to provide the latest, most advance technology and environmental friendly power products with strong and reliable after sale services.

BAYKEE is taking one step forward in its dream to replicate Production Facility in Pakistan. As we are also targeting UAE, Saudi Arabia and Afghanistan markets, so this step will help to increase Exports of the country and lessen the Trade Imbalance. We are fully motivated to mark this dream come true. In first phase **BAYKEE** is soon going to start an Assembly Line which will be transformed to a proper Production Facility.

MR. SHAFQAT IQBAL

Country Head

Aerospace Baykee Pakistan (Pvt.) Ltd.



INTRODUCTION



AEROSPACE BAYKEE (GUANGDONG) TECHNOLOGY CO., Ltd is a subsidy of Beijing Aerospace changfeng CO., Ltd and a high-tech corporation, Public company with aeronautic research and military enterprise background. The No.2 research institute of China Aerospace Science & Industry Corp (CASIC) is the maturity shareholder of ASCF.

AEROSPACE BAYKEE was incorporated in 2007 and so far have 2 production Bases, 85 first Grade Subsidiaries and 5 Regional technical Service Centers in China. Through its extensive R&D, Company also have 17 technology Invention Patents 40 Utility Invention Patents & 15 Appearance Invention patents. Base on the most advance and most stable technology system. BAYKEE provide the best quality products.

In Pakistan **AEROSPACE BAYKEE PAKISTAN (Pvt.) Ltd** operating as overseas office of **AEROSPACE BAYKEE (GUANGDONG) TECHNOLOGY CO., Ltd.**

- 1- Solar Division
- 2- Critical Power Division (UPS)
- 3- Lighting Division
- 4- Telecom Division
- 5- Electric Vehicle (EV)
- 6- Power Protection Devices
- 7- Technical Services
- 8- Military Division

Our goal is to provide the most sustainable, efficient, reliable and cost-effective, UPS, Inverter, AVR, Solar Products, Controllers, Maintenance free & Lithium Ion Batteries, Telecom Solutions, Electric Vehicles (EV), Military grade products and Customized Solutions/products.

We have already been working in commercial, Residential, Industrial and Defense sector. All our products are in strict accordance with the International standard by production. Passed & approved by ISO9001, ISO14001, OHSAS18000, 3C 2 TLC authentication, CE, CQC quality standard and the Chinese energy conservation certification. **BAYKEE** products are sold worldwide including Europe, South America, Asia, and Africa.

Currently we are working as.

- Manufacturer
- Researcher & Developers of Power Solutions
- Suppliers
- System Designers
- Integrators
- Installers
- Back End Service Providers.

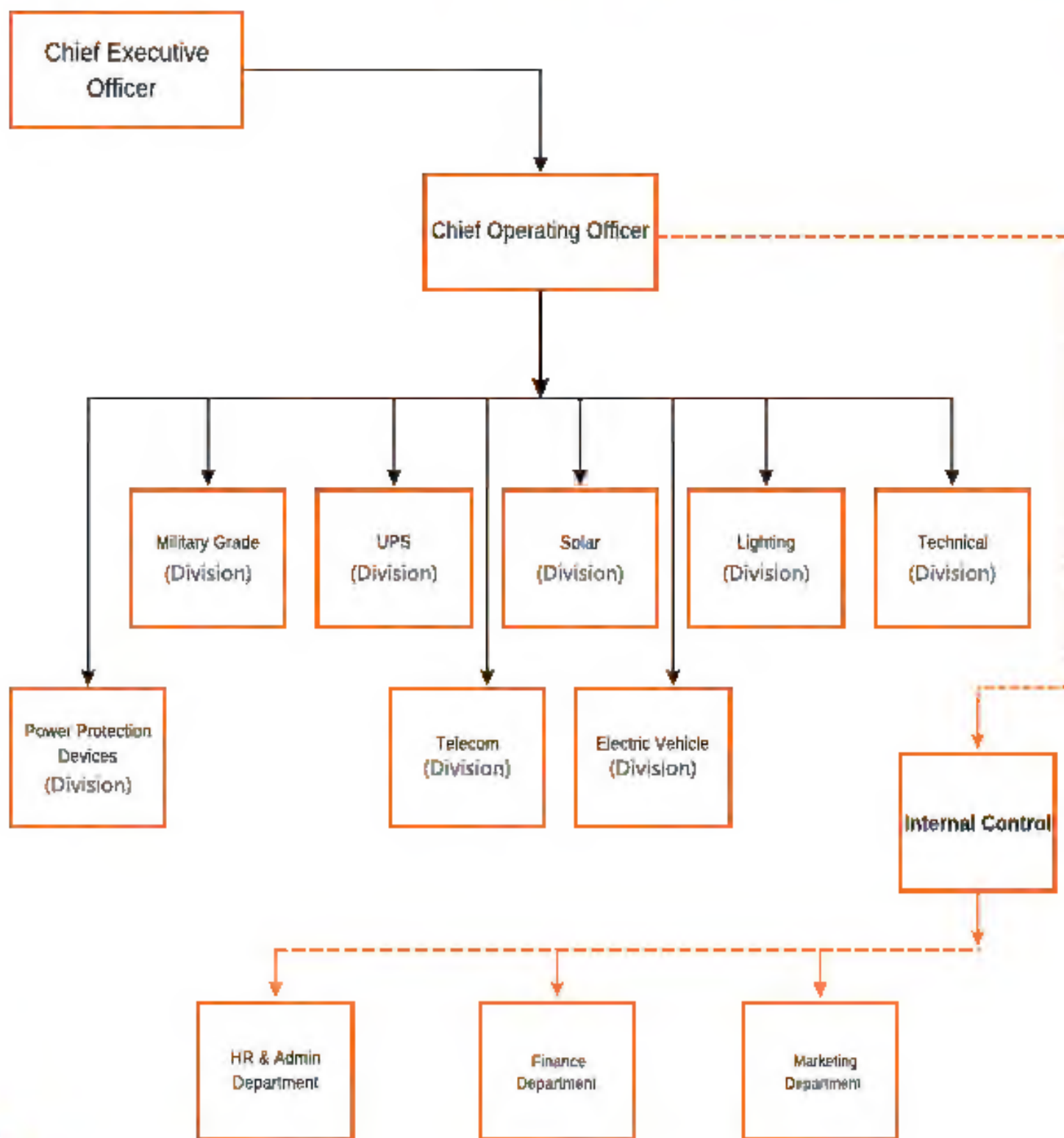
ENERGY AUDITING

RESEARCH & DEVELOPMENT

SYSTEM DESIGNING

OPTIMAL & CUSTOMIZE SOLUTION





SOLAR DIVISION

Aerospace **BAYKEE** Strive to build an eco friendly and sustainable world using technology and innovation. We offered high quality components for solar solution executed by highly skilled team.

We are consumer centric organization and focuses on after sales support and services to ensure smooth operation of our products throughout life cycle.

SALEEM ASHRAF

Business Head-Solar Division

PRODUCT LINE

- ON - GRID Solar System
- ON - GRID Hybrid Solar System
- OFF - GRID Hybrid Solar System
- OFF - GRID Hybrid Solar System (Transformer Topology)
- Multi-mode Modular Inverters
- MPPT Solar Charge Controller
- Lithium Ion Battery
- Solar Water Pumping System
- Customized Design for Power Utility
- VFD





**TYN-M MULTIMODE MODULAR
HYBRID SOLAR INVERTER
(20-800KW)**



**MPPT SOLAR CHARGE
CONTROLLER**



**HYBRID SOLAR INVERTER
BKS-HVMP SERIES
3KW - 5KW**



**TYN33 SERIES HYBRID
SOLAR INVERTER
30KVA - 800KVA**



**BK-NK SERIES SOLAR
INVERTER**

SOLAR PRODUCTS



**TYN1100 SERIES HYBRID
SOLAR INVERTER SINGLE
PHASE**



**STM-1000 PURE SINE
WAVE SOLAR INVERTER
(WITH BUILT IN MPPT
CHARGE CONTROLLER)**



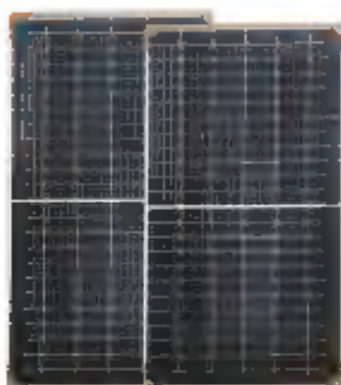
**SOLAR INVERTER 10KW
GRID TIED**



**NP SERIES 1KVA 2KVA
HOME SOLAR PURE SINE
WAVE INVERTER**



**SV-SERIES SOLAR HOME
INVERTER**



**SOLAR PANELS
MONOPERC – BAYKEE**



**LEAD ACID BATTERY
JMF-GEL & AGM-VRLA BATTERY**



**CONTAINERIZED HYBRID
SOLAR POWER SYSTEM**



**4.8kWh LITHIUM ION BATTERY
(WALL MOUNTED)**



**LITHIUM-ION BATTERY PACK
(CABINET TYPE)**



LITHIUM ION BATTERY BANK

BKY-TYN-M Series

Multimode Modular Solar Hybrid Inverter 20 - 800 KW

TYN-M Series Modular Multi-System Hybrid Solar Inverter is an Intelligent Multi function Power Supply designed by Aerospace **BAYKEE** for New Energy needs. It is internally powered by

- Solar MPPT Controller
- charger
- Rectifier
- Inverter
- Static Switch
- Main Control Circuit
- Display Alarm Circuit



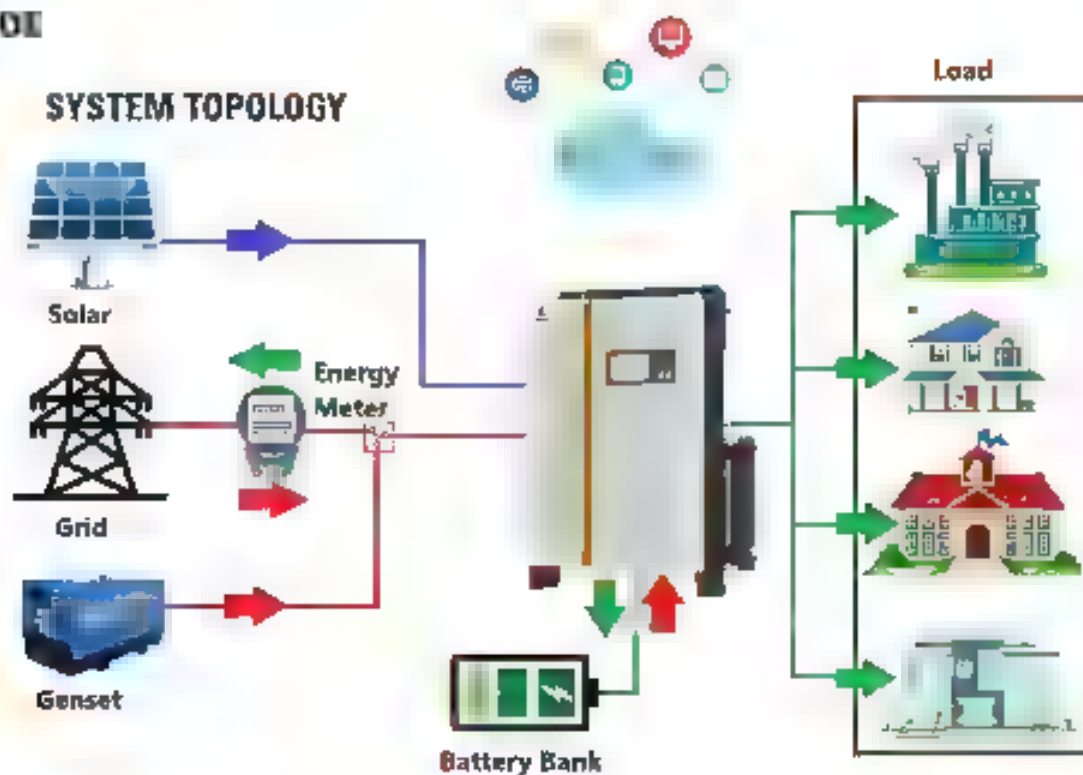
SALIENT FEATURES

1. Multimode-Standard Design
2. Modular Technology For easy Expansion and Redundancy
3. Hot Swappable: Reduce On-Site Repair and Maintenance time
4. High Speed Static Switching
5. Bus MPPT Control Technology
6. Reverse Feeding Management
7. Intelligent Input Source Management
8. Large Touch Screen Display
9. User-Friendly Configuration: Parallel Operation upto 800 KW
10. Current Limiting Soft-Start Circuit to reduce the Inrush Current
11. Intelligent Digital Control Technology: High-Speed DSP Microcontroller
12. Sixth Generation High-Speed Low-Loss IGBT
13. Intelligent Fault Detection Function and Communication
14. Superior Load Characteristics: 0 to 100% load transition without switching to bypass
15. Optional Battery Inspection Module



APPLICATION

- > ON - GRID MODE
- > OFF - GRID MODE
- > HYBRID MODE
- > UPS



MODULER



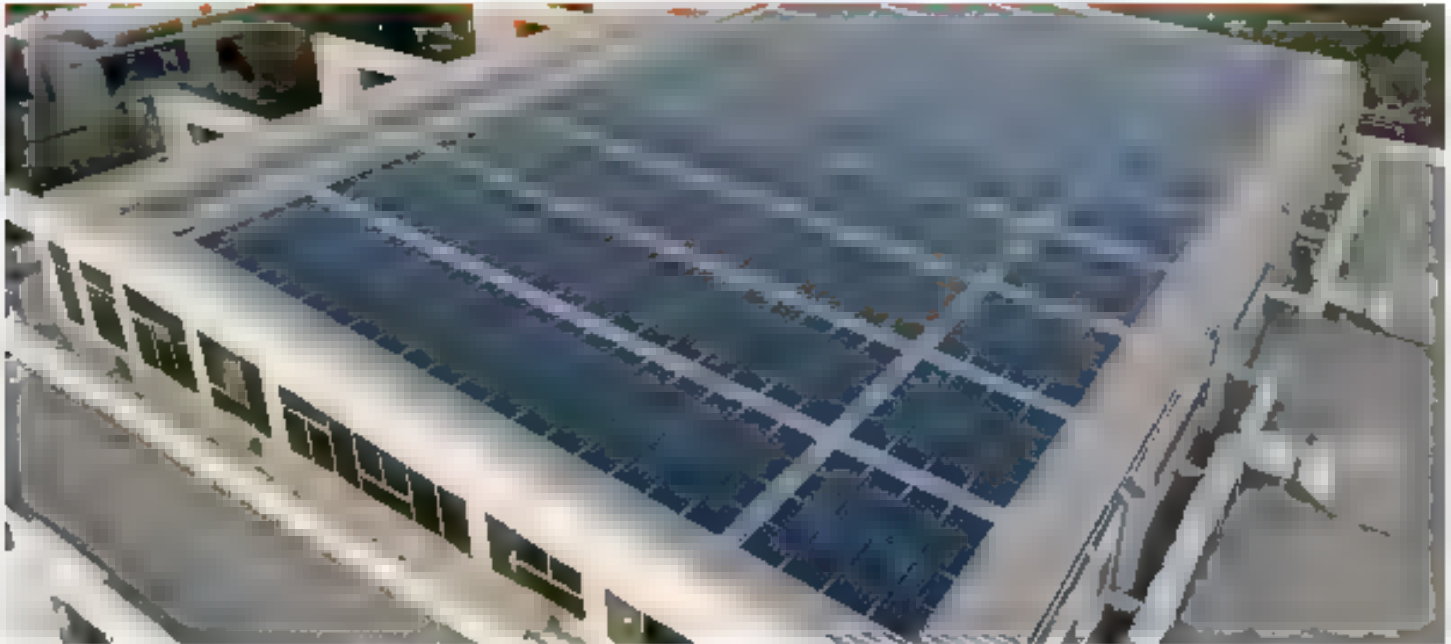
Single Module



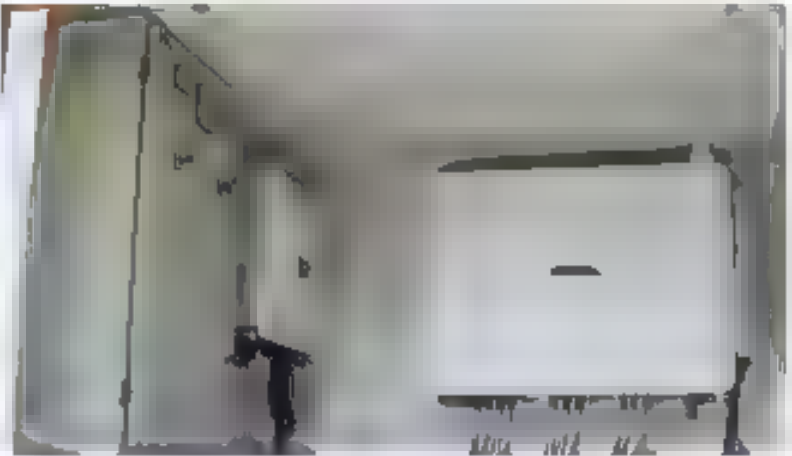
Single Module System

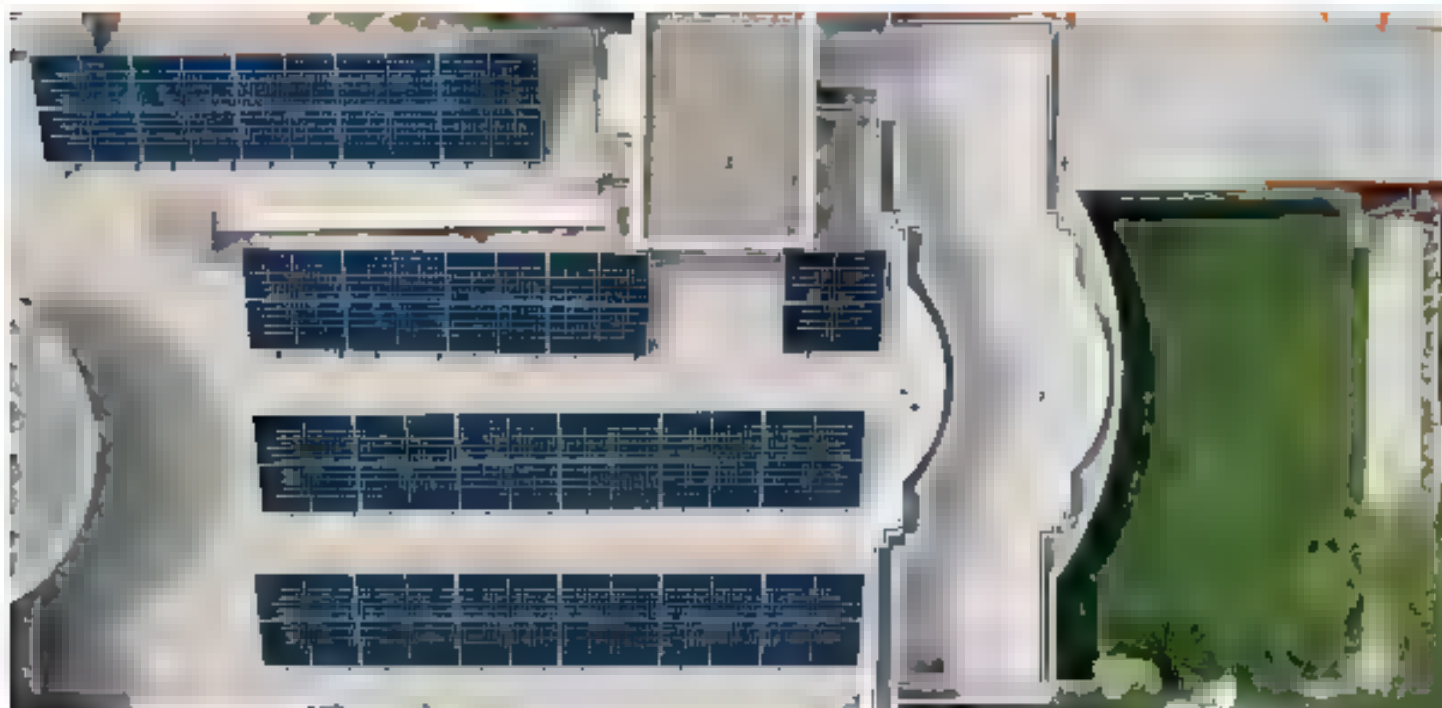


Multi Module Cabinet



DHA SWIMMING POOL 250 kW SOLAR SYSTEM



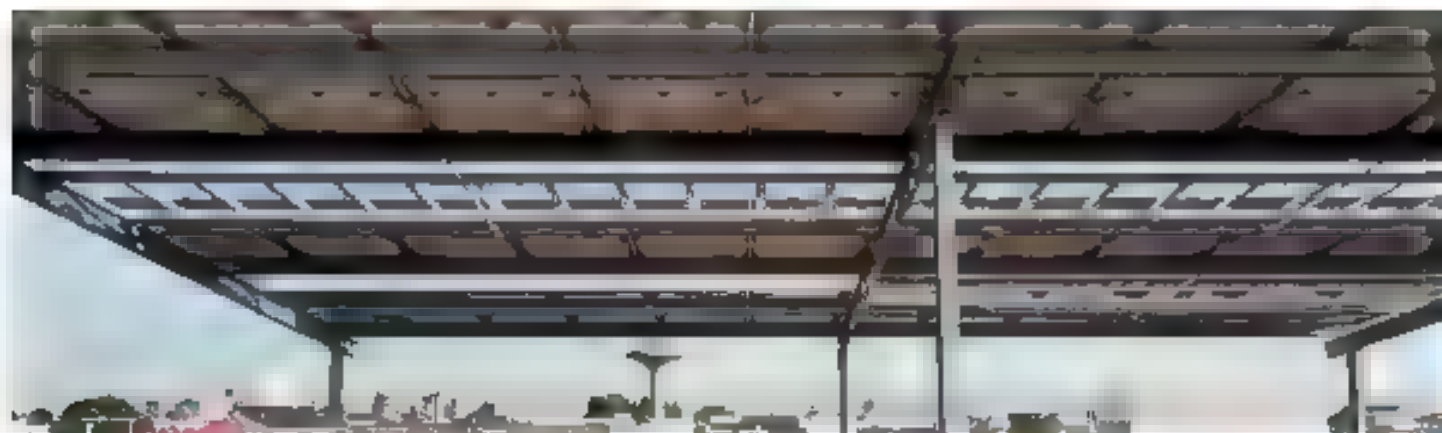
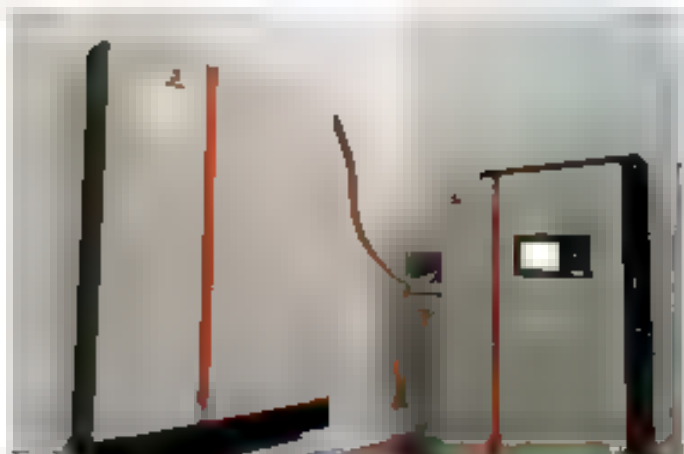


MODEL TOWN 24kW SOLAR SYSTEM





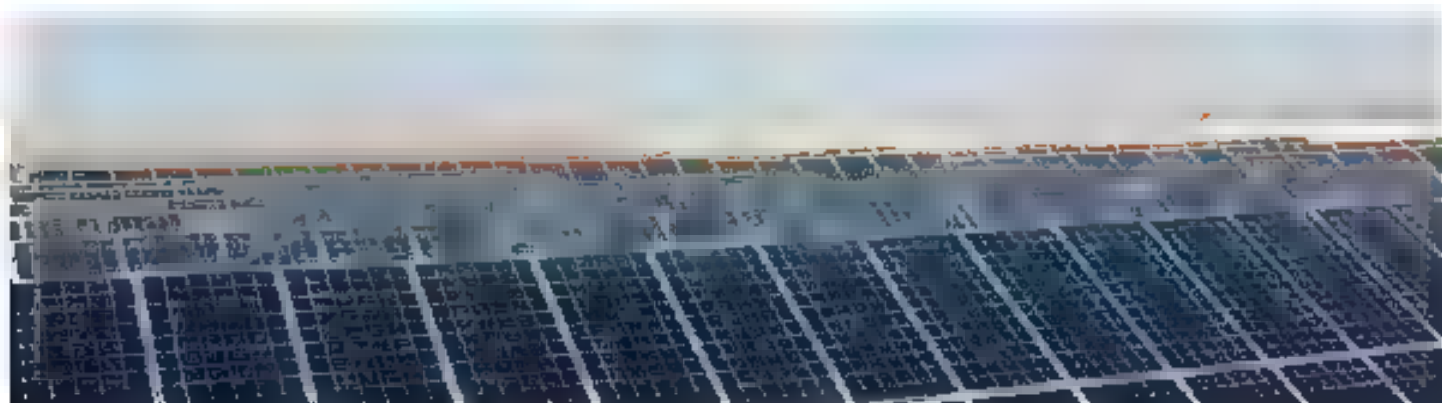
DHA 20kW SOLAR SYSTEM





LAHORE RINGROAD SOLAR PROJECT





ORMARA 160kW SOLAR PROJECT



Aerospace Baykee is the registered Provider of Net Metering with on Grid Systems.

Net metering is a billing mechanism that credits solar energy system owners for the electricity they add to the grid. For example, if you have our PV system on the home's rooftop, it may generate more electricity than your household requirement during daylight hours.

If the connection is net-metering enabled, the bidirectional electricity meter will calculate the energy that goes into the grid; the export units will get credited against off-peak units in consumer bill.



CERTIFICATION



GOVERNMENT OF PAKISTAN
MINISTRY OF ENERGY (POWER DIVISION)
ALTERNATIVE ENERGY DEVELOPMENT BOARD (AEDB)



Certificate of Enlistment

Certificate No. **CR/22/014G-1 (Rev-1)**

It is to certify that **Aerospace Baykee Pakistan (Private) Limited** having registered office at **1-GCP Housing Society, Near PCSIR-41, Nazim-e-Pakistan Road, Johar Town, Lahore** is hereby enlisted for solar on-grid / off-grid installations of capacity up to and above 500 kW as installer in Category **C-1** under Alternative Energy Development Board Certification Regulations, 2002. This Certificate is issued on **1st August, 2022** and is valid till **15th December, 2024**.

Note: The Enlistment is valid for installation only in Islamabad Capital Territory and Punjab. For installation outside these provinces shall be done after 12 months from issuance of initial copy of certificate. Discrepancy shall be decided by AEDB.

[Signature]
SECRETARY AEDB



UPS DIVISION

Baykee UPS and power backup products thrive to become no. 1 customer's choice in IT and industrial applications by continuously adding new products and adapting new technologies through extensive R&D. Baykee's business model works on value addition as per customers' changing requirements.

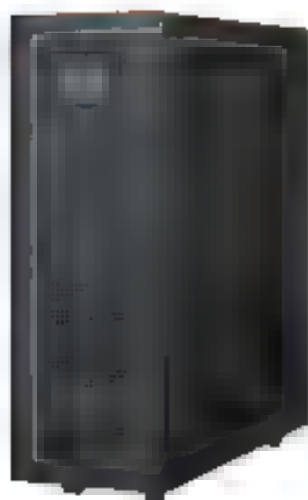
NAVEED KHAN

Business Head - Critical Power Division

PRODUCT LINE

- Single Phase & Three Phase
- On-line & Line Interactive
- Low Frequency & High Frequency
- Modular & Stand alone UPS
- Data Center UPS
- Power Factor Controller (PFC)
- Static Transfer Switch (STS)
- Automatic Voltage Regulator (AVR)
- Active Power Filter (APF)
- Power Distribution Units (PDUs)
- Monitoring Software
- Frequency Converter
- Battery (VRLA/Gel/Lithium-ion)





**MP1100 1/1 PHASE
 ONLINE UPS
 1KVA - 30KVA**



**H5/HT5 1/1 & 3/1 PHASE
 ONLINE UPS
 6KVA - 20KVA**



**CHP3000 3/3 PHASE
 ONLINE UPS
 10KVA - 600KVA**



**BKH-M 3/3 PHASE
 MODULAR UPS
 30KVA - 600KVA**



**HTT-PRO 3/3 PHASE
 ONLINE UPS
 15KVA - 400KVA**

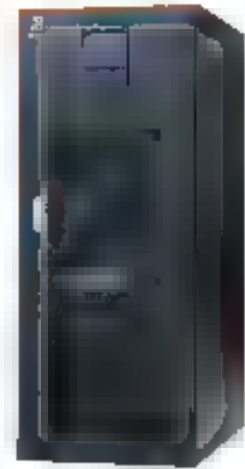
UPS PRODUCTS



**HP 1/1 PHASE
ONLINE UPS
1KVA - 10KVA**



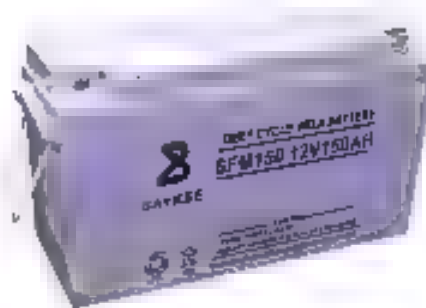
**SL LINE
INTERACTIVE UPS
1KVA - 5KVA**



**Mp3100 3/1 PHASE
ONLINE UPS
6KVA - 120KVA**



**LITHIUM-ION
BATTERY PACK**



JMF GEL BATTERY



AGM VRLA BATTERY

HTT PRO UPS (Rating 15-400kVA)

> ENERGY SHARING AND MUTUAL AID DESIGN

The battery modules work in both directions in the mains mode. can be charged or discharged. When the input rectifier reaches the set value, the battery module stops charging, and the reverse operation enters the discharge mode to help the rectifier supply energy to the inverter.

> POWER WALK-IN FUNCTION

Adopts the complete Power Walk In function, which can greatly reduce the impact on the equipment and the grid, improve the service life of the BUS capacitor, to provide a safe and stable output power for the load. Convenient access to generator equipment of various capacities, smooth and excessive.

> INTELLIGENT BATTERY MANAGEMENT TECHNOLOGY

Adopts intelligent three-stage battery charge and discharge management technology, ultra-wide input range, reduce the number of switching battery modes, protect the battery, 3-stage charging, activate battery, effectively extend battery life by more than 30%. Intelligent battery management, annual inspection, monthly inspection, early warning, improve system reliability.

HTT PRO BRIEF

The HTT P-type series 15-400KVA UPS is a true online double-conversion, static, three-phase uninterruptible power supply system. Using IGBT power conversion technology of Vienna topology, intelligent battery management system (ABM) and other world's advanced technologies, combined with the world's mainstream trends of green, environmental protection, energy saving and the industry's advanced module technology, with excellent technical indicators, can effectively block the impact of abnormal power supply on the load and provide reliable, pure and stable uninterrupted output power.



APPLICATION AREA

- > Medium and Large Data Centers
- > Computer Room Communication
- > Base Stations
- > Automation Control Systems
- > Security Systems
- > Radio and Television Systems
- > Medical Systems etc.

BKH-M UPS

(Rating 10-600kVA)

M1 SERIES FEATURES

- High efficiency up to 94.5%
- Flexible configuration, can be configured to 1/1, 3/1, 3/3, 1/3
- Dual power supplies
- Remote monitor
- Max capacity: 120KVA
- Hot-swappable available
- IP level: Ip30



M2/M3/M4/M5 SERIES FEATURES

- Efficiency: 96%
- Module operation without bypass
- Battery flexibility configure (30-50pcs)
- Remote monitor
- Max module capacity: 50KVA
- Single cabinet net power max 600KVA, can parallel 4 cabinet
- Double DSP+double CPLD process, digital control technology
- Widely voltage input range (-47%- +295%)





LIGHT DIVISION



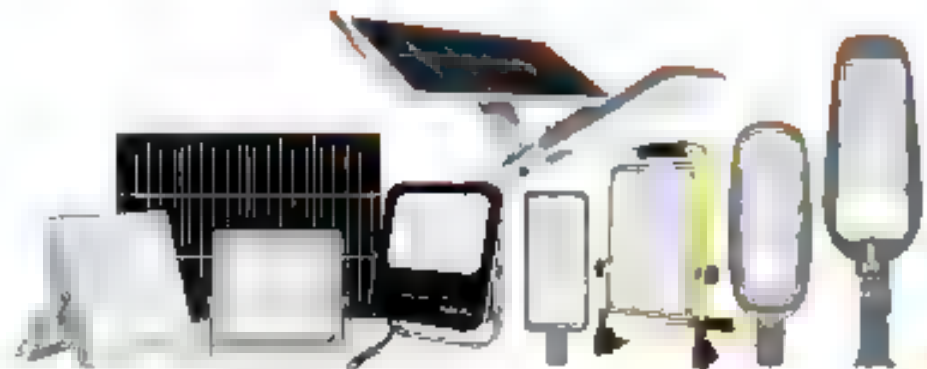
Aerospace **BAYKEE** Lighting division delivers a broad range of innovative and reliable lighting and control solutions. These Lighting systems finds use in applications such as commercial industrial retail institutional utility, and residential applications. The company is leveraging the latest technologies to help businesses and communities improve efficiency, reduce costs, and protect the environment.

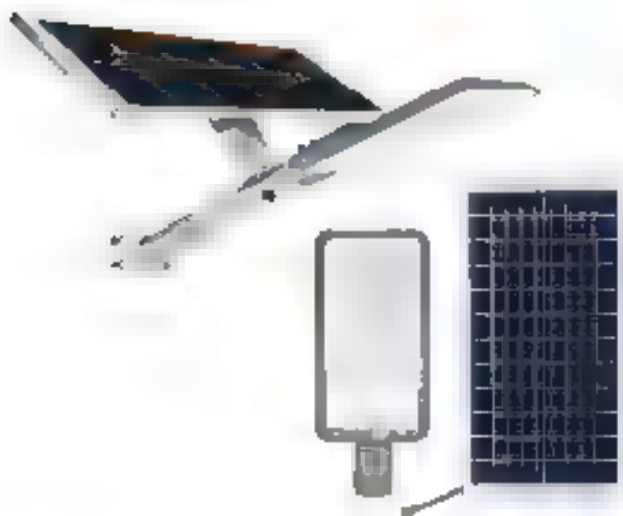
SAYAF IQBAL

Business Head - Lights Division

PRODUCT LINE

- Solar Street Light
- AC Street Light
- Solar Flood Light
- AC Flood Light
- Solar/Chargeable Work Light
- Panel Light 595mm * 595mm
- Down Lights





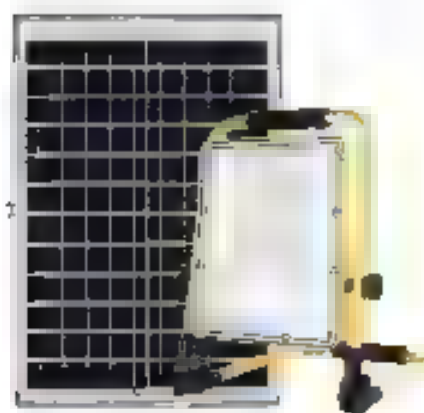
**XTR-01 SOLAR STREET
LIGHT**



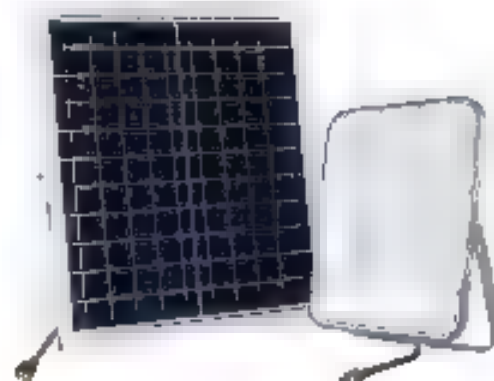
**XTR-04 ALL IN ONE SOLAR
STREET LIGHT**



**XTR-02 SOLAR STREET
LIGHT**



**XTG-05 SOLAR
WORK LIGHT**



**XTK-03 SOLAR FLOOD
LIGHT**



XRL AC STREET LIGHT



LED DOWNLIGHT



**PANEL LIGHT 40W,
595mm * 595mm**



XBK-02 AC FLOOD LIGHT

XHM-RX SOLAR STREET LIGHT SERIES

PRODUCT ADVANTAGES AND FEATURES

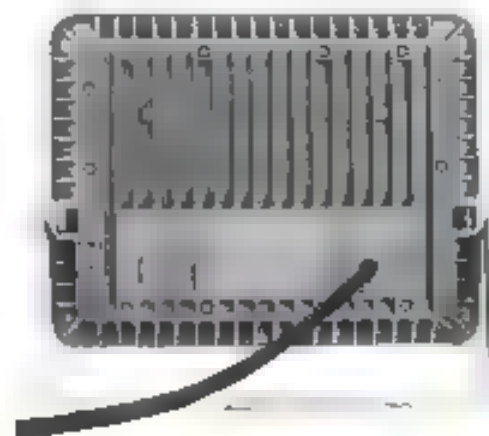
- > Grade A+ solar cell, each cell has a complete IV curve.
- > Conversion efficiency is more than 21.3%.
- > Lithium ion phosphate battery, the discharge depth reaches up to 95%.
- > Under the discharge ratio of less than 0.5C, service life is up to 13 years, with high safety factor.
- > High lumen LED SMD, with 50,000 hrs. life span.
- > PC outdoor optical lens, high light transmittance.
- > High quality aluminum magnesium alloy, anti-corrosion, substantial, durable, artistic, practical.
- > High craft manufacturing production value of famous brand.
- > Designed diamond face reflection process, super high efficiency reflection light source, effectively enhance the brightness of the illumination.

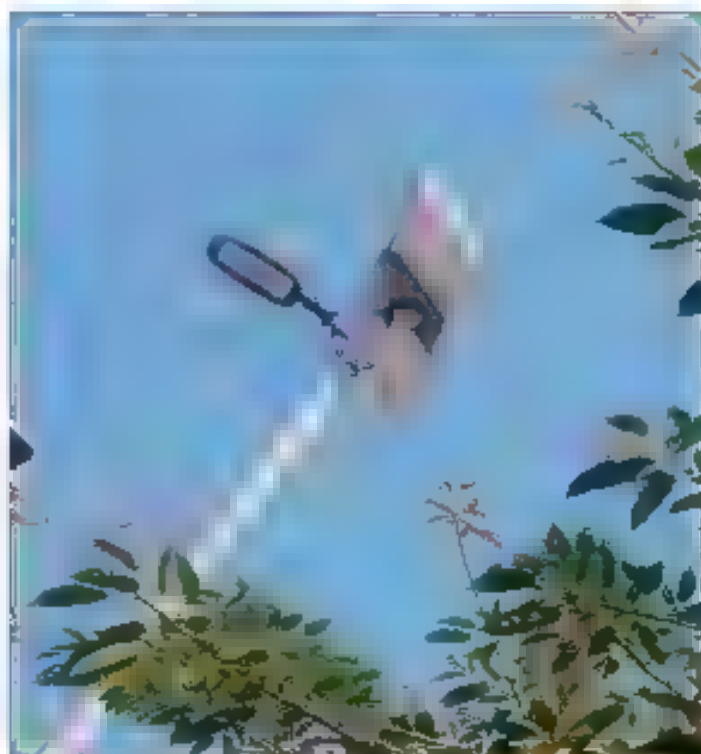


XBK-02 AC FLOOD LIGHT SERIES

PRODUCT ADVANTAGES AND FEATURES

- Integrated cooling design, elegant, efficient
- Streamline design, more beautiful appearance, no accumulation.
- ADC12# die cast aluminum body, excellent heat performance, more durable
- Professional outdoor painting, stainless steel components, giving excellent performance in anti-corrosion and anti-rusting, widely used in different environment
- Light transmittance up to 94%, easy to improve in the future.





MILITARY DIVISION



As a leading designer and manufacturer of high quality military grade power conversion and power supply products, Aerospace Baykee provides specialized and stringent MILSTD products to its customers with proven track record. Our goal is to provide off the shelf, integrated and customized solutions to meet the military requirements for harsh and rugged environments.

MOHSIN JAMIL

Director - COO

Business Head - Military Division

PRODUCT LINE

- Military Grade Uninterruptible Power Supply (JPS)
- DC/DC Module Power Supply
- Customized Programmable DC Power Supply
- Tank Emergency Start Up Device
- Tank Backup Power Supply
- Mobile Battery Charging Vans (MBCV)
- Variable Frequency Converters
- Constant Current Power Supply
- Military Vehicle Integrated Power Supply
- Linear AC/DC Adjustable Power Supply
- Customized AC Power Supply
- AC Variable Frequency Converters
 - a) Single Phase UPS
 - b) Three Phase UPS
- Military Vehicle AC Power Inverter
- Moveable Solar Container for remote area
- Radar High Power Amplifier (HPA)
- Radar Power Supplies
- Degaussing System/De-Magnetize System
- Submarine Frequency Converters
- Submarine Power Supply
- Submarine Battery Chargers
- Warship LPS
- Warship Display Console
- Static Frequency Converter
- Any Type of Customized Military Power Product MILSTD





**SINGLE PHASE / THREE
 PHASE UPS**



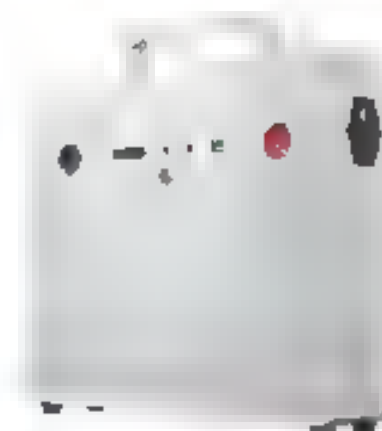
**PROGRAMMABLE VARIABLE
 FREQUENCY POWER SUPPLY**



**EMERGENCY POWER
 SUPPLY**



**VEHICAL INTEGRATED
 POWER SUPPLY**



**EMERGENCY POWER
 SUPPLY FOR TANKS**



MODULAR WARSHIP UPS

MILITARY PRODUCTS



FREQUENCY CONVERTER



**PROGRAMMABLE DC POWER
SUPPLY**



**LLADR (RADAR)
POWER SUPPLY**



VEHICLE INTEGRATED AC POWER SUPPLY



GROUND POWER SUPPLY

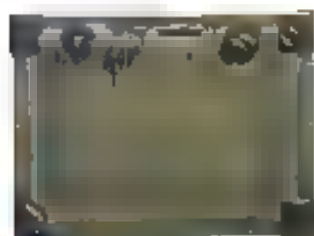


**CONSTANT CURRENT
POWER SUPPLY**

EMERGENCY POWER SUPPLY FOR TANKS

24V - 48V

- Intelligent fast charge of large capacity lithium battery, which can be fully charged in 1 hour
- Integrated British SYNQOR AC 480W
- High power, high power density, high conversion rate
- The starting current of 3000A is especially applicable in emergency situations where every minute counts.
- It can be applied to 24V military special vehicles such as tanks and armored vehicles.
- Built in large capacity intelligent battery which can guarantee the power supply in the field for about 1 week
- The use of constant temperature heating technology can ensure that the battery is normally charge and discharged at minus 40 degrees Celsius.
- The shell is made of reinforced double layer aviation-grade magnesium aluminum titanium aluminum alloy, high strength special bullet-proof fiber (DuPont Kevlar), and the screen is embedded with high strength bulletproof glass.
- Built-in tactical grade waterproof and strong flash light which can suppress temporary non permanent visual nerve blindness in the dark environment and also provide functions such as field lighting.
- Survival, and demolition (optional for military version)



TECHNICAL SPECIFICATION

PARAMETERS	SPECIFICATION
Input Voltage	12-420VDC or 10-300VAC
Output voltage	24V/48V
Output Current	3000 A
Charging Time	1 Hour
MTBF	≥ 500
Self-Test	1. With power Display 2. With Power On Self Test (POST)
Color	Green (Optional)
Enclosure	IP 65
Barcol Hardness	>40
Designed Life	20 Years
Environmental Adaptability	Ant Fog, Ant Salt, Anti Mold and Ant. Humidity



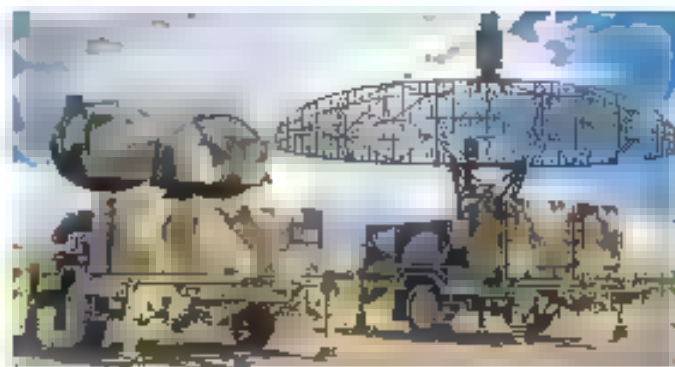
Power Supplies for Navy Submarines



Static Frequency Converters for Navy Submarines



Rocket For Satellite Launch



Radar Power Supplies

- **Proven track record in Pakistan**
- > **2500+ types of MIL Grade Power Supplies**

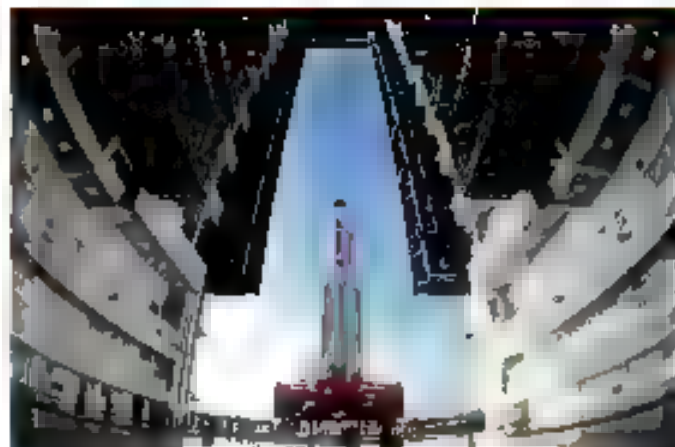
INTERNATIONAL PROJECTS

Research institute of China ordnance industries of the South Phase 1 project
The Xinjiang armed police corps
University of Xinjiang Army
Armed police detachment in Qingdao project new command center
People's armed police corps
J' an armed police detachment
Sixth to seventh detachment of armed police in Beijing city procurement projects
Authorities of Jinan communication equipment
Tianzhong, people's armed police
Armed police in Qinghai province projects
Air force XI an aircraft station.
PLA information engineering of Zhengzhou University
Jilin police detachment
People's armed police corps project in Shanxi
Altay people's armed police detachment

The people's liberation Army Hospital project
A military project in Chengdu.
The people's liberation Army in Xinjiang
Tianjin, armed police corps
In Dandong city
A military Enterprise
Baoli, Shaanxi armed police detachment
Tianjin, armed police corps
Police in Ningxia Corps
Jilin people's armed police forces
Luyuan people's armed police
Institute of China ordnance 206
Luyuan district, Changchun City, Jilin Province Public Security Bureau
video surveillance project
Yining County Public Security Bureau safe urban construction projects
Huailan City Department of transportation safety corridors



Aircraft Research and Development Project



Wenchang Launch Base In China



Yangjiang Nuclear Power Station



Mobile Command Vehicle Project



Warship UPS, FC & Power Supply



Tank Power Supply

TELECOM DIVISION



BAYKEE is known for reliable and efficient power supplies for the field of Telecommunications. We offer wide range of solutions for the protection and monitoring of sensitive telecommunication equipment with high degree of reliability and a stable output products based on market need. This makes our products the best solution for today's telecom's needs.

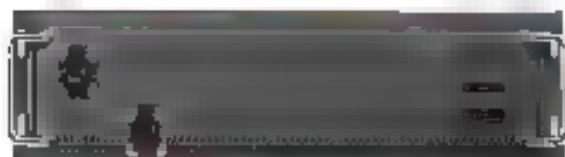
FARZANA REHMAT

Business Head - Telecom Division

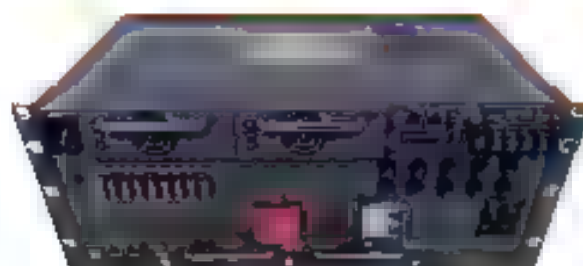
PRODUCT LINE

- Rectifiers
- Uninterruptible Power Supply (UPS)
- Lithium Ion Batteries
- Automatic Voltage Regulators (AVR)
- Outdoor Integrated Cabinets
- Cabinet Air Conditioners
- Data Centers
- Solar Power Systems
- Power Distribution Units (PDU)
- Outdoor cabinet systems for batteries, rectifiers etc.
- Communication Control Units
- Integrated Power System (IPS)
- Pre-fabricated structures
- Cable trays
- Hot dip galvanized products





LITHIUM ION BATTERY



RECTIFIER



**AUTOMATIC VOLTAGE REGULATOR
(AVR)**



CABINET AIR CONDITIONER

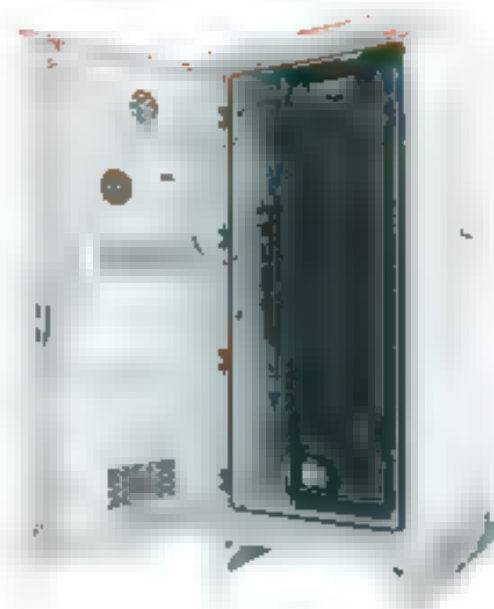


OUTDOOR INTEGRATED CABINET

OUTDOOR INTEGRATED CABINET

FEATURES

- Built-In Cabinet Air Conditioner.
- Metal Enclosure, Highly Fire Resistant
- The whole machine undergoes strict vibration mode analysis to avoid work resonance
- Advanced exhaust piping design, energy efficient
- Precision copper tube welding process, no blisters, no leakage of gas.
- The cabinet is welded frame structure, nine stage earthquake resistance
- Using outdoor special protective spraying technology, anti-corrosion, moisture-proof.
- Cabinet is completely enclosed inside, air conditioning is the most effective
- The monitoring system comes with a GPS positioning system, and the cabinet door is equipped with an electronic lock to support remote control



CABINET	G-YT1-R800	G-YT2-R1600	G-YT3-R2400
High-Speed ETC dedicated UPS Power Supply	HS/R 3KVA	HS/R 6KVA	HS/R 6KVA
Lithium Battery (4 hours Backup)	BK48100	BK48100	BK48100
Power Distribution Unit	PD-6KVA	PD-10KVA	PD-20KVA
Cabinet Air Conditioner	BK-RAC800	BK-RAC1500	BK-RAC1500
Surveillance System	IMDS-GS	IMDS-GS	IMDS-GS

LITHIUM ION BATTERY

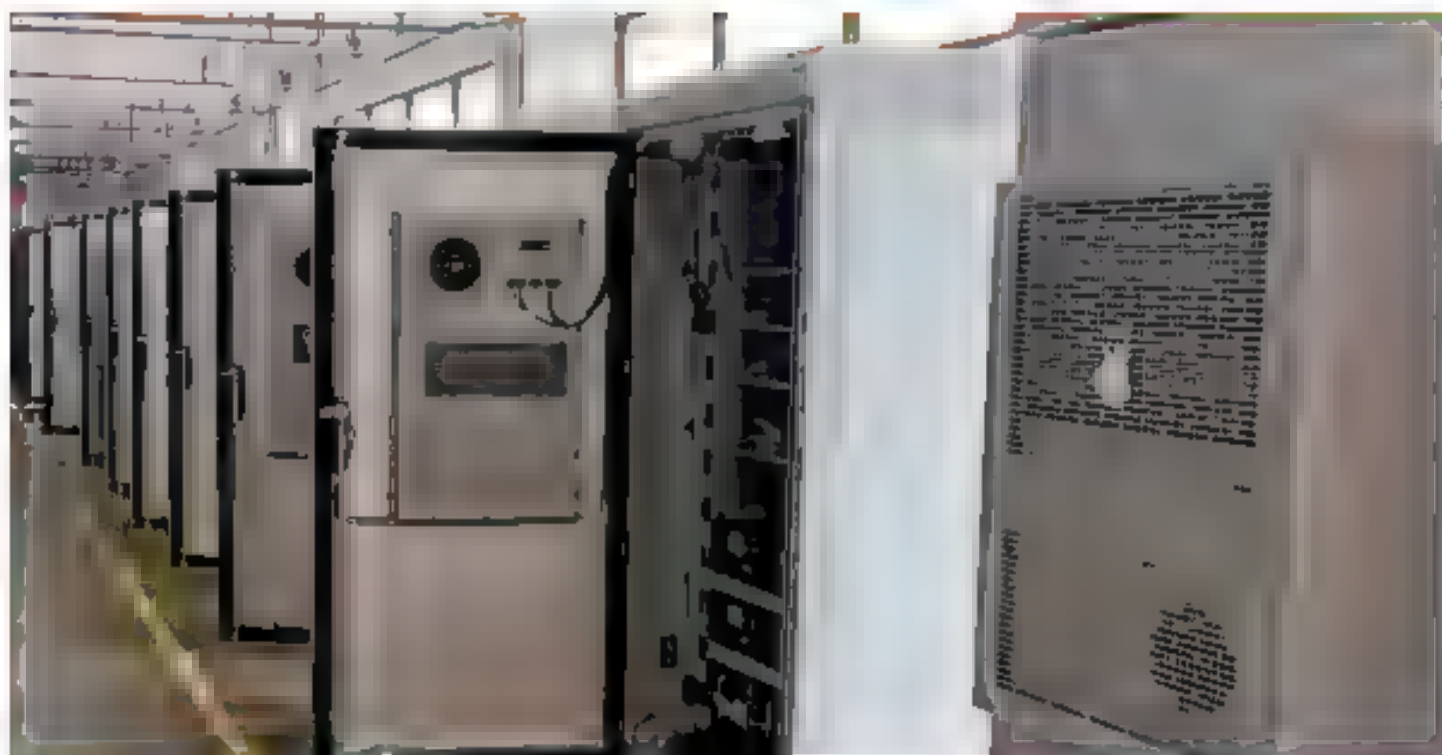
48V 100Ah lithium LFP battery is an ideal design for Telecommunication. It is very convenient for installation because of low weight. Equipped with the best lithium ion cell and advanced BMS system, 48V 100Ah lithium LFP battery can realize quick and high efficiency of charge and discharge characteristic to guarantee a safe and reliable when in telecommunication area to avoid unnecessary loss.



48V 100AH RV LITHIUM LFP STORAGE BATTERY	
Item	BKBF 48-100
Series	RACK
Electrical Characteristics	
Nominal Voltage	48V
Nominal Capacity	100Ah (C5, 25°C)
Energy	4800Wh
Internal Resistance	≤500mΩ
Cycle Life	≥2500 cycles@0.2C 100% DOD
Standard Charge	
Charge Voltage	54.8±0.2V
Charge Mode	0.2C to 54.8V then 54.8V charge current 0.02C(CC/CV)
Charge Current	20A
Max. Charge Current	30A
Charge Cut-off Voltage	55.5V±0.2V
Standard Discharge	
Continuous Current	100A
Max. Pulse Current	150A(<3s)
Discharge Cut-off Voltage	37.5V
Environmental	
Charge Temperature	0 to 45°C (32F to 113F)@60%~25% relative humidity
Discharge Temperature	20 to 60°C (4F to 140F)@60%~25% relative humidity
Storage Temperature	0 to 40°C (32F to 104F)@60%~25% relative humidity
Mechanical	
Cell&Method	3.2V50Ah-15S2P
Product Dimensions	482*430*222mm
Weight	38KG
Protocol (optional)	RS485/CAN
BMS	15S100A
Display (optional)	LCD
Shipment Status	48~51V SOC 33%-55%

OUR PROJECTS





BAYKEE EV is introducing a new industry in the field of Electric mobility. Indigenous assembling and manufacturing of EVs has the potential to create numerous employment opportunities and reduces unemployment rates. Electric Vehicles are a promising Technology for achieving a sustainable transport sector in the future due to the very low carbon emissions, low noise, high efficiency and flexibility in grid operations and integration. Electric vehicle technologies are associated with energy storage systems and charging mechanism.

SAYAF IQBAL

Business Head-Electric Vehicle Division

PRODUCT LINE

- Scooter
- Motorcycle
- 3 Wheeler Loader
- 5 Wheeler Loader
- Rickshaw
- Charging Station
- EV Batteries

We are the manufacturer of solar and ups so we can design off-grid solar charging station with battery backup





5 WHEEL LOADER



RICKSHAW



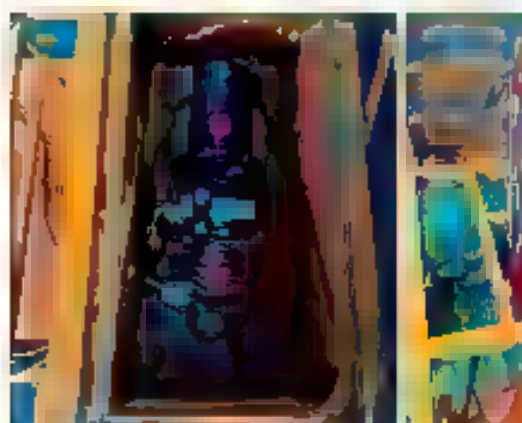
3 WHEEL LOADER



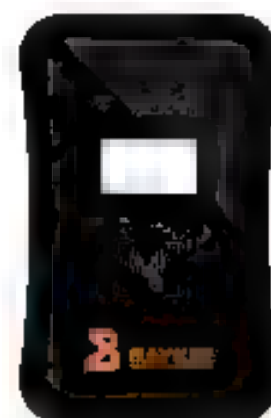
SCOOTER



MOTERCYCLE



**64V - 100AH
 LITHIUM ION BATTERY**



CHARGING STATION

POWER PROTECTION DEVICES

BAYKEE has a diverse product family of low circuit breakers, from MCBs for use in homes to MCCBs for industrial plants. Our high quality products safely protect your electrical equipment.

BAYKEE voltage stabilizers are specifically designed to withstand Pakistan electrical conditions, including voltage surges and voltage quality. **BAYKEE** Electric offers stabilizers in several capacities, our AVR's come with the best quality components to ensure years of reliable service.

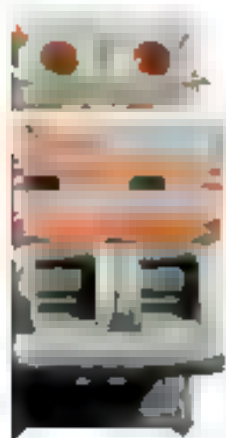
MUKHTAR AHMAD

Business Head, Power Protection Device Division

PRODUCT LINE

- Moulded Case Circuit Breakers (MCCB)
- Miniature Circuit Breaker (MCB)
- Automatic Voltage Regulator (AVR)
- LT Panel
- Outdoor Electrical Cabinets
- Indoor Electrical Cabinets
- Distribution Box
- Lead And Gel Batteries

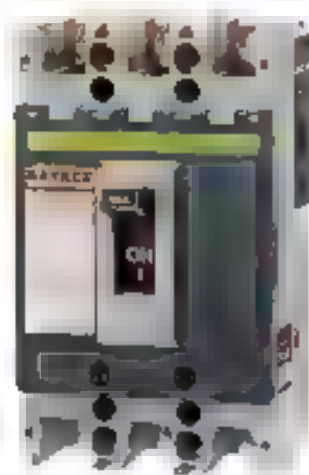




**MINIATURE CIRCUIT BREAKER
2 POLE**



**MINIATURE CIRCUIT
BREAKER
1 POLE**



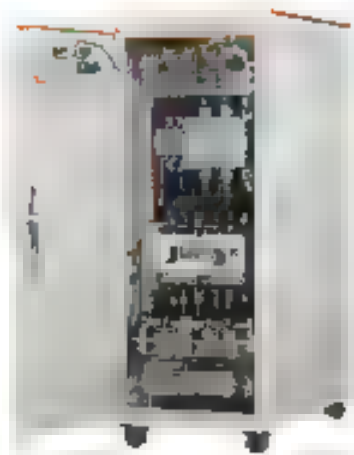
MOULDED CASE CIRCUIT BREAKER



**AUTOMATIC VOLTAGE REGULATOR
(AVR)**



**MINIATURE CIRCUIT BREAKER
3 POLE**



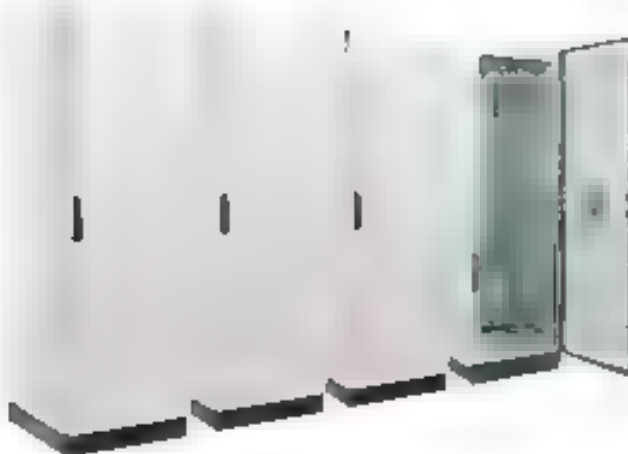
**THREE PHASE
AUTOMATIC VOLTAGE REGULATOR (AVR)**



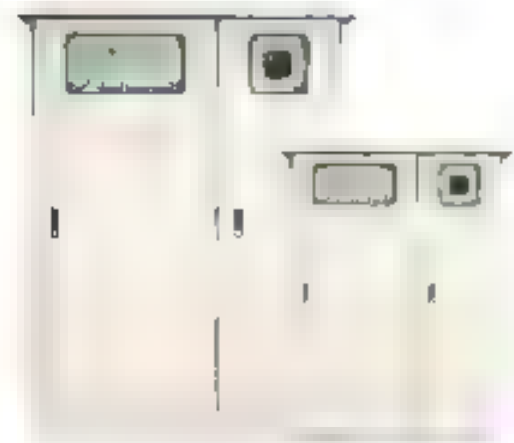
LT PANEL



**VRL LEAD ACID AND
GEL BATTERIES**



ELECTRIC CABINETS



DISTRIBUTION BOX

AUTOMATIC VOLTAGE REGULATOR (AVR)

SINGLE & THREE PHASE

BAYKEE voltage stabilizers are specifically designed to withstand Pakistan electrical conditions, including voltage surges and voltage quality. **BAYKEE** Electric offers stabilizers in several capacities, single phase 1 KVA to 10 KVA and three phase 3 KVA to 1000 KVA. Our AVRs come with the best quality components to ensure years of reliable service. On top of that **BAYKEE** AVRs are offered with generous warranty terms.

FEATURES

1. VOLTAGE REGULATION

Optimal voltage regulation is achieved when the value of voltage is equivalent to all electrical equipment loads. Several factors can affect voltage regulation, including wire and cable size and type, transformer reactance and cables, motor starter circuit design, and power factor. Regardless of these potential obstacles, voltage regulation must be selectable to an accuracy of $\pm 1\%$. This requirement eliminates three-phase unbalance problems and minimizes voltage deviations.

2. INPUT VOLTAGE RANGE

The first step in selecting the best automatic voltage regulator is specifying your input voltage range. The input voltage range should be broad and shifted because line voltages drop more than they increase. This feature allows for more low-voltage correction, rather than high-voltage correction. It also allows the automatic voltage regulator to be more configurable to all buck or boost, giving it maximum voltage correction for extreme cases.

3. LOW IMPEDANCE

Impedance is the resistance of a component to the flow of electrical current, measured in ohms. The goal of an automatic voltage regulator is to achieve low impedance. Interaction between the load current and source impedance can cause low voltage, harmonic distortion, and voltage unbalance. Ideally, your automatic voltage regulator would avoid all of this if it had low impedance.

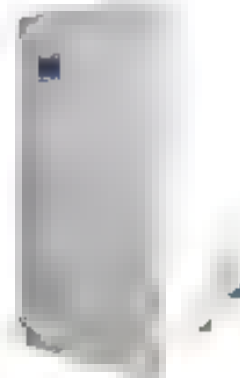
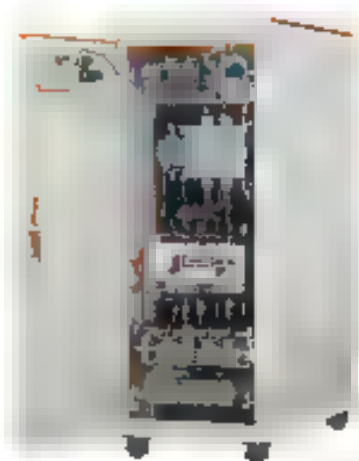
4. LOAD COMPATIBILITY

Voltage regulation solutions must be compatible with the specified load to ensure its operation and to avoid interfering with the operation of other loads connected to the same power source. High-performing automatic voltage regulators should be able to handle loads with high starting currents, all power factors, and high crest factors. To prevent instability, the regulator's speed of response must be designed to work with the electronic power supplies used in much of today's equipment.

5. VOLTAGE ACCURACY

The primary job of an automatic voltage regulator is to make voltage levels more accurate, but what is the optimal accuracy level for your application? Voltage accuracy is dependent on the critical load requirement.

Typically, automatic voltage regulators function in circuits where voltage regulation cannot be achieved by changing the size of the conductor.



TECHNICAL SERVICES



BAYKEE technical service department provides routine maintenance services for all major brands of UPS/SOLAR systems. Our national network of factory level certified field engineers provide major and minor preventive procedures for UPS system SOLAR system and the batteries.

Scheduled inspections are designed to address: external operating parameters, internal operating parameters, battery cabinet checks, monitoring system parameters, general conditions, connections and dozens more aspects as defined in our UPS/SOLAR System Maintenance Service Plans.

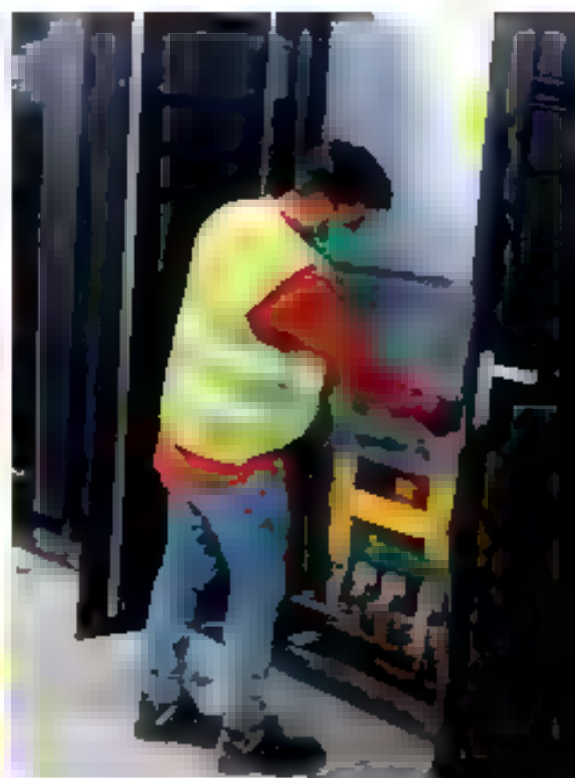
JUNAID BASHIR SHEIKH

Business Head- Technical Division

OUR SERVICES

- On Site Troubleshooting Corrective Maintenance
- Parts and Labor for UPS/Solar System
- Preventive Maintenance
- Guaranteed Emergency Response
- Customer Care Center
- National Dispatch Center
- Web-Based Reporting
- Parts and Logistics
- Customer Satisfaction Reporting
- Preferred Customer Rates





MECHANICAL, ELECTRICAL, PLUMBING

We aim to provide the highest quality of services, balanced with cost effectiveness and efficiency. The company's mind set is strictly service-oriented with a focus on deliverables and clearly visible comparative benefits from the market, our UPS/SOLAR System Maintenance Service Plans. Our Team comprises of qualified, trained and experienced individuals from the relevant fields who are enthusiastic and passionate about their work.

ENGR. MOHAMMAD IMRAN SAJJ

Business Head MEP Division



OUR SERVICES

- Electrical Services
- ELV Systems
- Plumbing and Sanitary Services
- Fire Fighting System
- Building Construction Services



BAYKEE is the leading EPC Company carrying a wide spectrum of expertise in Construction Management, Planning, Designing, Supervision and Execution of Project across the length and breadth of Pakistan.

We have an effective project management team which ensures that all the substructures and projects follow the specified time line and hence all our projects are completed on time.

We have its own shuttering material and ensure that 9

We provide a wide range of buildings construction depending on the specifications given. Some of our services include

- Building of Shopping Mall
- Building of houses
- Construction of factories
- Building of shop
- Any other structural work depending on the client's need

We can implement any structural design provided by the client. We therefore can get a detailed description of what the client wants, make a design of the structure and then construct it.

We also aim to provide fair renovation services, thereby refurbishing your furniture as well as interiors using all our expertise and technical skills.



BAYKEE have a dedicated Professional & experience team of Electrical Engineer and Electrician which closely works with client and consultant designer to execute the Project timely, best matching with BOQ Specification and design

We provide the following services in Electrical works of the Building

- Conducting, Wiring switches installation of the complete building as per design.
- Installation and commissioning of HT/LT Distribution Boards, Sub Main Panel Boards and Main Panel Boards.
- Installation and commissioning of Transformer Generator and Bus tie Duct
- Installation and commissioning of PFI panel and Power Distribution Units (PDU)
- Installation and fixing of LED Lights and Cable Tray Cable ladder
- Installation and commissioning of ATS & Synchronization panel for Generator
- Installation of Lighting Protection System
- Installation of UPS, AVR etc.
- Complete Earthing System
- External Electrification Works, Cable Trench.
- Installation of Street Lights Pole, garden Lights



We provide the following services in ELV works of the Building

- Building Management System
- Fire Alarm works and complete installation
- Networking and Telephone system
- Public Address System
- Video Surveillance System (CCTV)
- Parking Management System installation and Commissioning

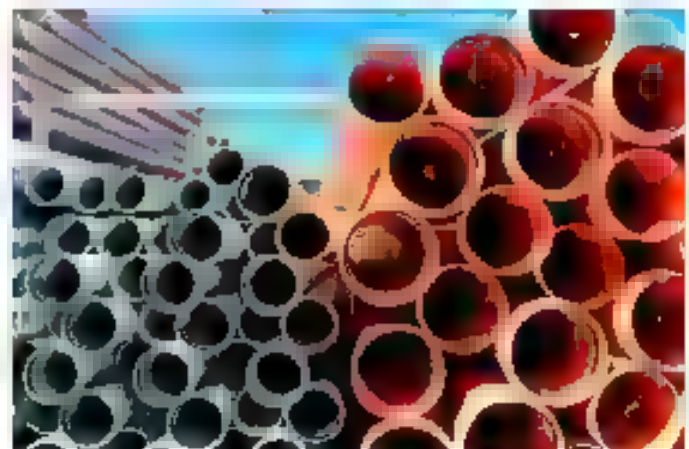
Note: Insert Best Picture of Building Lighting System, Electrical Wiring, Switchgear, Transformer, cable trays, Lighting Protection System



BAYKEE has a rich experience in Plumbing services inclusive of installation, testing, commissioning and maintenance of piping, fixtures, plumbing appliances and plumbing appurtenance within a building in connection with the sanitary / storm water drainage and water supply.

Plumbing system is a base for every facility due to the need for clean water and sanitary collection and transport of wastes. As per Clients requirement our services includes the following

- Building Plumbing Systems
- Drainage & Sewerage Systems
- Gas Distribution
- Water Filtration & Purification Systems
- Waste Water & Sewerage Treatment Plants
- Water Supply
- RO Plants



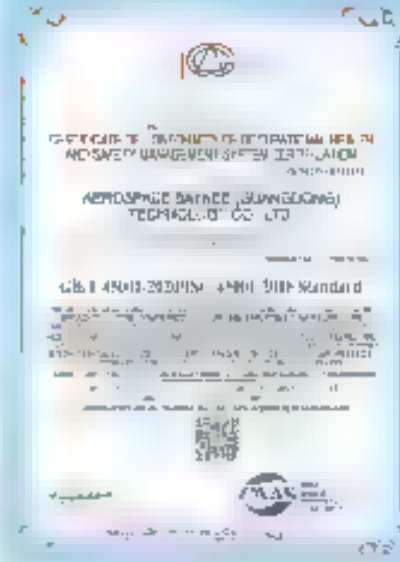
Protecting from fire is most important part of every Building. We are specialized in fire Safety System installation, and support in both the commercial and residential markets. Fire Safety & suppression systems by far the most important public safety system requirement in any kind of infrastructure project.

We are specialized to provide the services in following system

- Portable Fire Extinguishers
- Internal & External Fire Hydrant System
- Fire Sprinkler System
- Fire Suppression System



CERTIFICATIONS



Measurement: 1m
Report No.: MTC190116



TEST REPORT

Customer	Aerospace Baykee (Guangdong) Technology Co., Ltd.
Product	Power Supply Unit
Model Name	Power Supply Unit
Manufacturer	Aerospace Baykee (Guangdong) Technology Co., Ltd.
Test Item	EMC
Test Result	Pass
Test Date	2019-01-16
Test Location	Guangdong Baykee (Guangdong) Technology Co., Ltd.
Test Engineer	Li Jie
Test Report No.	MTC190116

Measurement: 1m
Report No.: MTC190116



EMC TEST REPORT

Customer	Aerospace Baykee (Guangdong) Technology Co., Ltd.
Product	Power Supply Unit
Model Name	Power Supply Unit
Manufacturer	Aerospace Baykee (Guangdong) Technology Co., Ltd.
Test Item	EMC
Test Result	Pass
Test Date	2019-01-16
Test Location	Guangdong Baykee (Guangdong) Technology Co., Ltd.
Test Engineer	Li Jie
Test Report No.	MTC190116

CERTIFICATE OF CONFORMITY

Customer	Aerospace Baykee (Guangdong) Technology Co., Ltd.
Product	Power Supply Unit
Model Name	Power Supply Unit
Manufacturer	Aerospace Baykee (Guangdong) Technology Co., Ltd.
Test Item	EMC
Test Result	Pass
Test Date	2019-01-16
Test Location	Guangdong Baykee (Guangdong) Technology Co., Ltd.
Test Engineer	Li Jie
Test Report No.	MTC190116



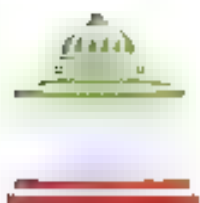
OUR CLIENTS





Bata

ufone



PEPSICO



WATER



OUR CLIENTS





DEPARTMENT	CONTACT DETAILS
SOLAR DIVISION	0330-3588855 Saleem@baykee.com.pk
UPS DIVISION	0330-4000100 Naveed@baykee.com.pk
LIGHTS DIVISION	0330-3588875 Sayaf@baykee.com.pk
MILITARY DIVISION	0330-3588880 Mohsin@baykee.com.pk
TELECOM DIVISION	0330-3588868 Sales@baykee.com.pk
POWER PROTECTION DIVISION	0330-6388870 / 03009415581 Mukhtar@baykee.com.pk
EV DIVISION	0330-3588877 Sayaf@baykee.com.pk
AFTER SALES SERVICES	0330-6388877 Junaid@baykee.com.pk
MEP DIVISION	0330-4001000 mep@baykee.com.pk



BAYKEE

Provide High-quality Power for Global Industry

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